FORM NO. MS 4883 - 70
REPLACES FORM NO. 4883 - 55
FILE IN SECT. 2 OF SERVICE MANUAL

Illustrated Parts List

MODEL SERIES

82500 to 82597

TYPE NUMBERS
0110 to 0188

TO FIND THE CORRECT NUMBER OF THE PART YOU NEED: FOLLOW THE INSTRUCTIONS BELOW.

A. Refer to Engine Model, Type and Code Number (formerly Serial Number) that is stamped on the blower housing or name plate of engine. Engine type numbers such as 0137 01 are listed herein only as 0137. The two digits (01 or 02, etc.) to the right of the space are not needed for parts identification. Then use the Illustrated Parts List covering these Model Series.

B. Refer to Illustrated Parts section and compare the old part with illustration. The number on the illustration is the Reference Number. Assemblies include all parts shown in frames. All parts shown in assembly frames on which individual reference numbers are given can be purchased separately.

C. After the Reference Number has been identified, refer to the Numerical Parts List, where Reference and Master Part Numbers are listed. THE MASTER PART IS USED ON ALL TYPE NUMBERS EXCEPT THOSE TYPE NUMBERS UNDER "NOTE".

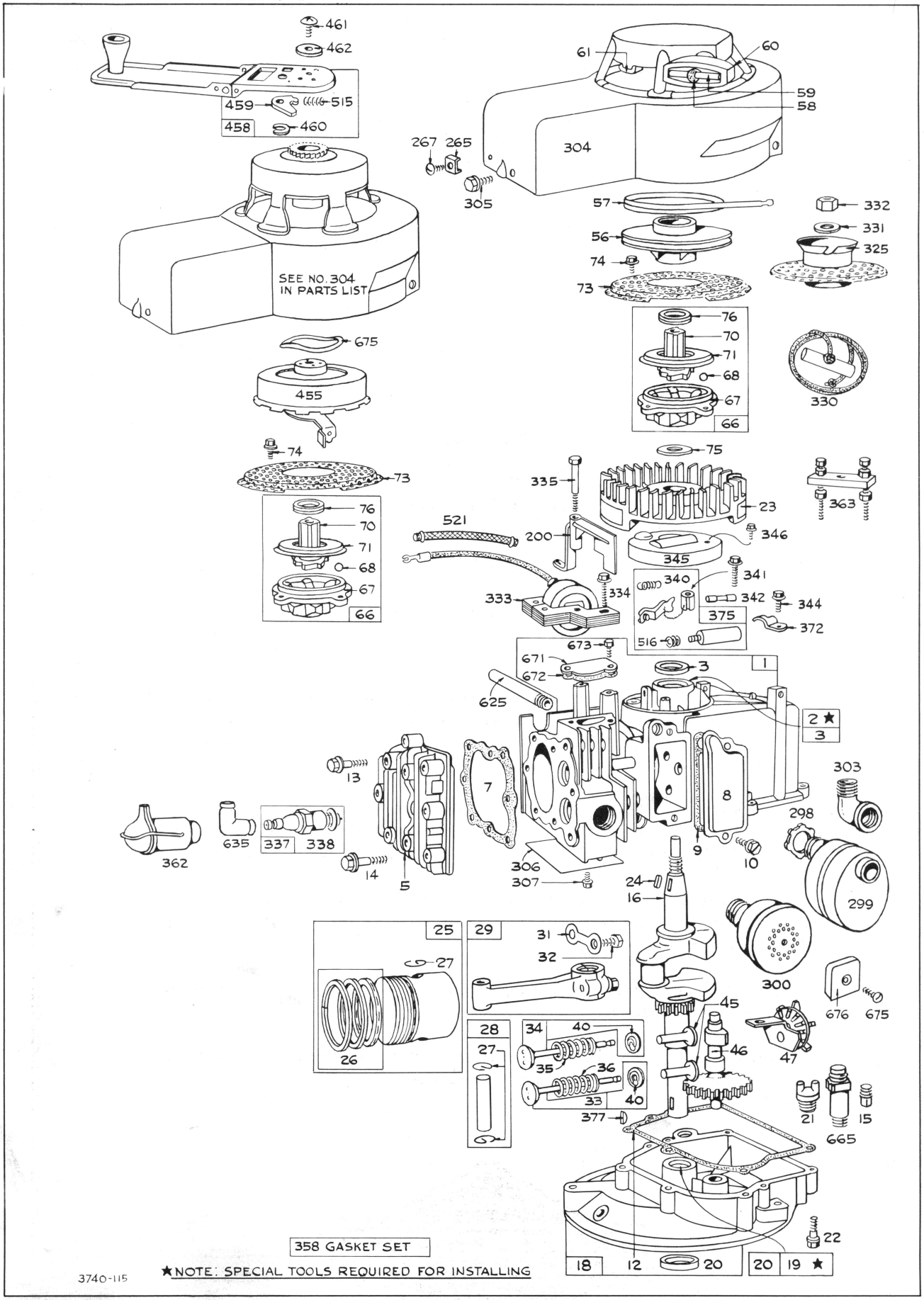
D. If a "Note" appears below the Master Part Number, this means that this part differs from the Master Part for certain types. If the Type Number is listed under "Note", order the part referred to.

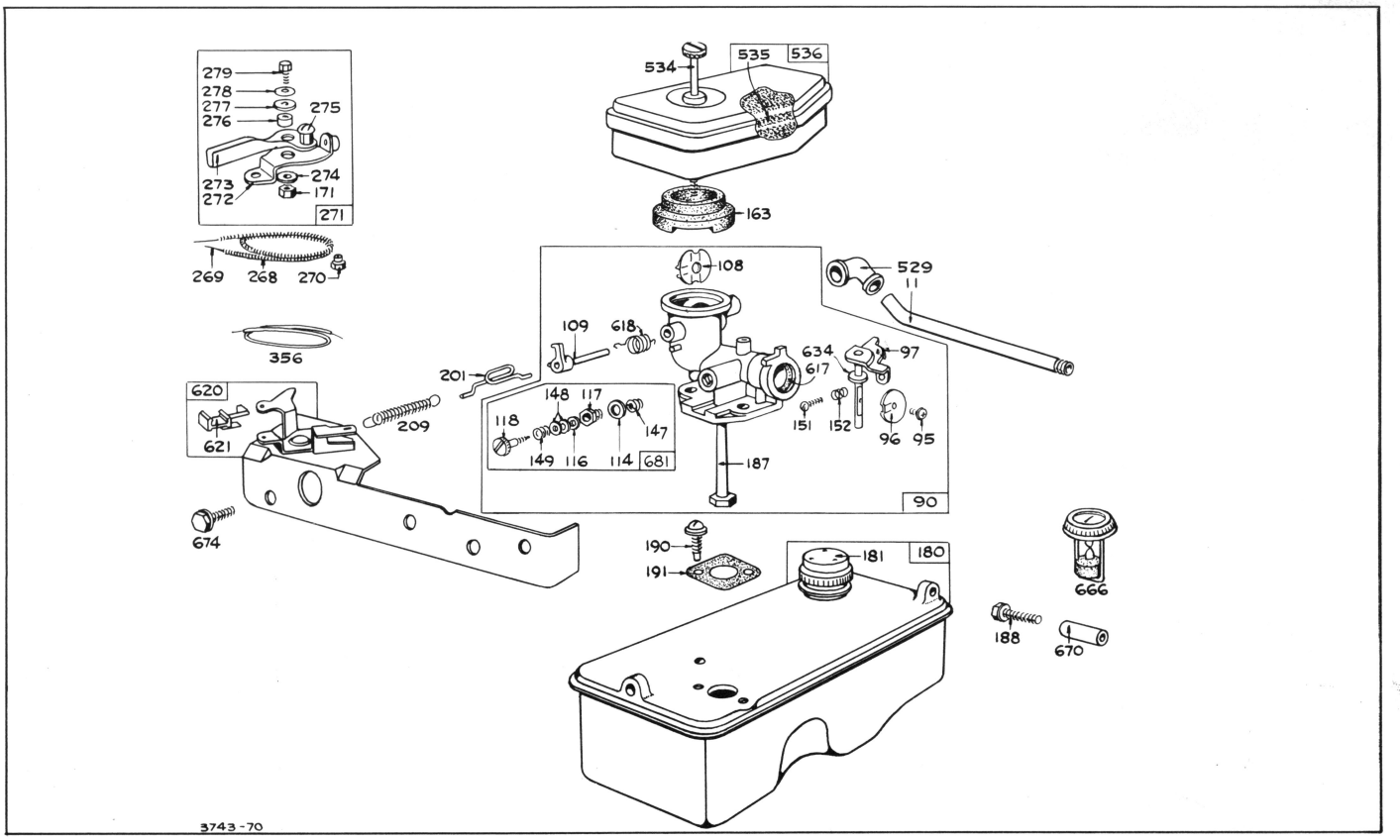
E. If the Engine Type Number does not appear after any part number listed under "Note", use the Master Part Number.

F. For Type Numbers higher than those covered by this book, please refer to the factory if you are unable to identify the part by comparison.

ORIGINAL
BRIGGS & STRATTON
SERVICE PARTS ®

82500 to 82597





REF. NO.	PART NO.	DESCRIPTION
1	**298565**	Cylinder Assembly
2	**293708**	Bushing–Cylinder
	Note:	Requires special tools for installation.
3	**89660**	Seal–Oil
5	**210812**	Head–Cylinder
7	***27670**	Gasket–Cylinder Head
8	**298383**	Breather–Valve Chamber
9	**270239**	Gasket–Valve Cover
10	**93394**	Screw–Breather Mounting Sem
11	**230802**	Tube–Breather
12	***27586**	Gasket–Crankcase–.015" thick (Standard)
	***27617**	Gasket–Crankcase–.005" thick
	***27618**	Gasket–Crankcase–.009" thick
13	**93111**	Screw–Cylinder Head (1-15/16" long)
14	**93113**	Screw–Cylinder Head (2-5/16" long)

* Included in Gasket Set–
Part No. 298588

REF. NO.	PART NO.	DESCRIPTION
15	**91084**	Plug–Oil Drain
	Note:	**93418** Plug–Oil Drain (Socket Head) Used on type Nos. 0129, 0187.
16	**260124**	Crankshaft
	Note:	**260091** Crankshaft Used on type No. 0110. **260096** Crankshaft Used on type Nos. 0116, 0121, 0136, 0138, 0144, 0146, 0147, 0149, 0160, 0167, 0168, 0169, 0171. **260097** Crankshaft Used on type Nos. 0117, 0122, 0137, 0139, 0150, 0157, 0178. **260098** Crankshaft Used on type Nos. 0118, 0123, 0143, 0152, 0156, 0159, 0161, 0162. **260099** Crankshaft

REF. NO.	PART NO.	DESCRIPTION
		Uses: **220708** Shim–Crankshaft, Thrust Used on type Nos. 0125, 0126. **260204** Crankshaft Used on type No. 0142. **260319** Crankshaft Used on type No. 0133. **260670** Crankshaft Used on type Nos. 0130, 0131, 0132, 0134. **260839** Crankshaft Used on type No. 0158.
18	**293512**	Sump–Oil
	Note:	**293597** Sump–Oil Used on type No. 0158. **295041** Sump–Oil Used on type Nos. 0159, 0161. **298280** Sump–Oil Used on Model 82590 to 82597 Series.

82500 to 82597

REF. NO.	PART NO.	DESCRIPTION
19	293709	Bushing–Oil Sump
	Note:	Requires special tools for installation.
20	291841	Seal–Oil
	Note:	294167 Seal–Oil (Crankshaft–P. T. O. Side)
		298041 Seal, Oil (Auxiliary Drive Shaft)
		Used on Model 82590 to 82597 Series.
21	66768	Plug–Oil Filler
	Note:	298664 Cap and Dip Stick–Oil Filler
		Uses: 298663 Oil Tube
		270306 Seal–Oil Tube
		Used on type No. 0139.
22	93032	Screw–Sump Mtg. Sem
23	297949	Flywheel–Magneto
	Note:	296884 Flywheel–Magneto
		Used on type Nos. 0129, 0133, 0152, 0157, 0158, 0159, 0161, 0166, 0178.
24	61760	Key–Flywheel
25	295587	Piston Assembly–Std.
	295588	Piston Assembly–.010" O. S.
	295589	Piston Assembly–.020" O. S.
	295590	Piston Assembly–.030" O. S.
26	294232	Ring Set–Standard Piston
		Consists of:
		210471 Ring, Piston, Compression, Top, Std.
		210472 Ring, Piston, Compression, Center, Standard
		210473 Ring, Piston, Oil, Standard
	294224	Ring Set–.010" O. S. Piston
		Consists of:
		210490 Ring, Piston, Compression, Top, .010" O. S.
		210489 Ring, Piston, Compression, Center, .010" O. S.
		210491 Ring, Piston, Oil, .010" O. S.
	294225	Ring Set–.020" O. S. Piston
		Consists of:
		210493 Ring, Piston, Compression, Top, .020" O. S.
		210492 Ring, Piston, Compression, Center, .020" O. S.
		210494 Ring, Piston, Oil, .020" O. S.
	294226	Ring Set–.030" Piston
		Consists of:
		210496 Ring, Piston, Compression, Top, .030" O. S.
		210495 Ring, Piston, Compression, Center, .030" O. S.
		210497 Ring, Piston, Oil, .030" O. S.
27	26026	Lock–Piston Pin
28	291925	Pin Assembly–Piston–Standard
	291926	Pin Assembly–Piston–.005" O. S.
29	294201	Rod Assembly–Connecting
31	220756	Lock–Connecting Rod Screw
32	92296	Screw–Connecting Rod
33	296676	Valve–Exhaust
34	296677	Valve–Intake
35	260552	Spring–Intake Valve
36	26478	Spring–Exhaust Valve
40	93312	Retainer–Valve Spring
45	230173	Tappet–Valve
46	210453	Gear–Cam
	Note:	211337 Gear–Cam
		Used only on Model 82590 to 82597 Series.
47	294652	Oil Slinger Gear and Bracket
56	294088	Pulley–Rewind Starter
57	294303	Spring–Rewind Starter
58	66384	Rope–Rewind Starter–47-1/8" long
	Note:	If longer rope is needed, order No. 66514 and cut to required length.
59	230228	Pin–Starter Rope
60	66728	Grip–Starter Rope
61	66528	Bumper–Starter Pulley
66	298310	Clutch Assembly–Rewind and Wind-up Starter
67	211383	Housing–Starter Clutch
68	63770	Ball–Clutch
70	298436	Ratchet–Rewind and Wind-up Starter
71	221653	Washer–Clutch Retainer
73	221661	Screen–Starter Pulley
74	93042	Screw–Rotating Screen Mounting Sem
75	220865	Washer–Spring
76	68238	Washer–Ratchet Sealing
90	298569	Carburetor Assembly
95	93385	Screw–Throttle Valve Mounting Sem
96	211286	Throttle–Carburetor
97	298460	Shaft and Lever–Choke
108	67778	Valve–Choke
109	67768	Shaft and Lever–Choke
114	66594	Gasket–Needle Valve Nut
116	65978	Packing–Needle Valve
117	230590	Nut–Needle Valve
118	23433	Valve–Needle
147	230591	Seat–Needle Valve
148	22235	Washer–Needle Valve
149	26336	Spring–Needle Valve
151	93524	Screw, Rd. Hd.–5-40 x 1/2"
152	260746	Spring–Throttle Adjustment
163	270228	Gasket–Air Cleaner Mtg.
171	92129	Nut–Hex.–1/4-28
180	298475	Tank Assembly–Fuel
181	298425	Cap–Fuel Tank

* Included in Gasket Set–Part No. 298588

REF. NO.	PART NO.	DESCRIPTION
187	296476	Pipe–Fuel
188	93444	Screw–Hex. Hd. Sem
190	93440	Screw–Fuel Tank Mounting Sem
191	270250	Gasket–Fuel Tank Mtg.
200	68388	Blade–Governor
201	260821	Link–Governor
209	260832	Spring–Governor
	Note:	**260827** Spring–Governor Used on type Nos. 0129, 0133, 0135, 0151, 0152, 0158, 0167, 0168. **260835** Spring–Governor Used on type Nos. 0136, 0138, 0155, 0157.
265	22372	Clamp–Casing
267	93469	Screw–Clamp Mounting
268	66986	Casing–Control Wire–48" long
	Note:	If longer casing is needed, specify length in inches; if a shorter casing is needed, order No. 66986 and cut to required length.
269	26099	Wire–Control, 54" long
	Note:	If longer wire is needed, specify length in inches; if shorter wire is needed, order No. 26099 and cut to required length.
270	63426	Locknut–Control Wire Casing
271	290568	Lever Assy.–Control
272	290584	Base–Control Lever
273	290642	Lever–Control
274	91237	Washer–Lock–1/4 x 3/32 x 5/64"
275	92287	Screw–Machine, Rd Hd.–10-32 x 1/4"
276	22834	Washer–Spacer
277	22368	Washer–Control Lever
278	22725	Washer–Control Lever
279	92306	Screw–Cap, Hex. Hd.–1/4-28 x 5/8"
298	220859	Locknut–Muffler
299	294441	Muffler–Exhaust

* Included in Gasket Set–
Part No. 298588

REF. NO.	PART NO.	DESCRIPTION
300	298395	Muffler–Exhaust
	Note:	**29807** Muffler–Exhaust Used on type No. 0157. **294441** Muffler–Exhaust Uses: **220859** Locknut Used on type Nos. 0146, 0147.
303	91943	Elbow–Exhaust, 90°, Street
304	298568	Housing–Blower (For Rewind Starter)
	Note:	**298467** Housing–Blower (For Rope Starter) Used on Model 82501 Series. **298570** Housing–Blower (For Wind-up Starter) Used on Model 82506, 82596 Series. **298599** Housing–Blower (For Rewind Starter) Used on type Nos. 0132, 0139, 0140, 0145, 0156, 0160, 0161, 0167. **298602** Housing–Blower (For Rewind Starter) Used on type Nos. 0133, 0136. **298604** Housing–Blower (For Rewind Starter) Used on type Nos. 0130, 0131, 0141, 0143, 0150, 0163. **298606** Housing–Blower (For Rewind Starter) Used on type Nos. 0137, 0144, 0148, 0165, 0166, 0170, 0172, 0173.
305	93479	Screw–Blower Housing Mounting Sem
306	220478	Shield–Cylinder
307	93042	Screw–Cylinder Shield Mounting Sem
325	293959	Starter Pulley with Screen
	Note:	**298731** Starter Pulley with Screen Used on type Nos. 0157, 0159.

REF. NO.	PART NO.	DESCRIPTION
330	29878	Rope–Starter
331	62577	Washer–Flywheel
	Note:	**220865** Washer–Flywheel Used on type Nos. 0157, 0159.
332	91708	Nut–Flywheel
	Note:	**92284** Nut–Flywheel Used on type Nos. 0157, 0159.
333	298502	Armature–Magneto
334	93381	Screw–Armature Mounting Sem
335	93435	Screw–Armature and Governor Blade Mounting Sem
337	29693	Plug–Spark (with Gasket)
	Note:	**293918** Plug–Spark (with Gasket) Used on type No. 0149.
338	29806	Gasket–Spark Plug
340	26018	Spring–Breaker Arm
341	93381	Screw–Contact Finger Post Mounting Sem
342	65704	Plunger–Breaker Point
344	93042	Screw–Condenser Clamp Mounting Sem
345	220366	Cover–Breaker Point and Condenser
346	93014	Screw–Dust Cover Mounting Sem
356	298479	Wire–Ground
358	298588	Gasket Set
362	89742	Shield–Spark Plug
363	19069	Puller–Flywheel (Optional Accessory)
372	220477	Clamp–Condenser
375	294628	Breaker Points and Condenser Set
	Note:	**299061** Ignition Kit Includes: **294628** Point Set **65704** Plunger **61760** Key–Flywheel
377	93065	Key–Woodruff No. 505
455	297542	Cup, Spring and Release Assembly

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REF. NO.	PART NO.	DESCRIPTION
458	298431	Handle Assembly–Cranking
459	221332	Pawl–Ratchet
460	93272	Retainer–Ratchet Pawl
461	93298	Screw–Handle Mounting
462	221237	Washer–Handle Mounting
515	260537	Spring–Ratchet Pawl
516	260374	Spring–Connector (Condenser Post)
529	67838	Grommet–Breather
534	93374	Screw–Air Cleaner
535	270251	Element–Air Cleaner
536	298566	Cleaner Assembly–Air
617	270248	Seal–Intake Tube
618	260831	Spring–Choke Return
620	298468	Plate Assembly–Carburetor Control
	Note:	**298469** Plate Assembly–Carburetor Control Used on type No. 0138, 0146, 0147, 0157, 0158, 0166, 0169, 0171, 0172.
621	297472	Switch–Stop
625	230803	Tube–Fuel Intake
634	270167	Washer–Throttle Shaft (Felt)
635	66538	Elbow–Spark Plug
665	296768	Oil Minder
666	297073	Gauge–Fuel Level
670	211412	Spacer–Fuel Tank
671	221720	Cover–Intake Port
672	270254	Gasket–Intake Port Cover
673	93438	Screw–Intake Port Cover
674	93447	Screw–Tank to Bracket
675	93408	Washer–Starter Housing Spring
676	221643	Deflector–Muffler
677	93378	Screw–Muffler Deflector
681	299060	Needle Valve Kit